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Ihre Zeichen, Ihre Nachricht vom
Your reference

Unser Zeichen, unsere Nachricht vom
Our reference

Name

Datum/Date

CR60

Markus Richter

2012-07-16

Submission of Mercedes certification documentation and request for EPA-Approval for the MY2013 OBD group CR60 (V6 Diesel with SCR technology)

Dear Mr. Peavyhouse,

Please see attached for your review the Mercedes OBD certification documentation for the MY2013 OBD group CR60 (V6 Diesel with SCR technology).

As discussed during the Mercedes/EPA conference call on March 1, 2012, Mercedes seeks for the OBD approval from the EPA (in parallel to the CARB) to expedite the MY2013 market launch.

This Diesel engine is sold and approved since several model years by the CARB.

OBD Group	Timeline	
CR60	Submission of OBD documentation & request for Approval:	July 16, 2012
	EPA-OBD approval target date:	<u>July 25, 2012</u>

OBD approved
Robert Peavyhouse
7/25/2012

Following vehicles are part of this request for OBD approval:

OBD Group	Test Group	Vehicle Model	Emissions Standard
			Federal
CR60	DMBXT03.0U2B	R 350 BLUETEC 4MATIC	T2 BIN 5 LDT 4
	DMBXT03.0U2C	ML 350 BLUETEC 4MATIC	T2 BIN 5 LDT 4
		GL 350 BLUETEC 4MATIC	
	DMBXV03.0U2C	E 350 BLUETEC	T2 BIN 5 LDV
	DMBXV03.0U2B	S 350 BLUETEC 4MATIC	T2 BIN 5 LDV
	DMBXT03.0HD3	Sprinter 2500 CDI/Freight	40CFR§86.1816-08 HDV
		Sprinter 3500 CDI/Freight	
	DMBXT03.0HD4	Sprinter 3500 CDI/Freight	40CFR§86.1816-08 HDV

The OBD documentation includes the meeting minutes from the conference call and all demanded data (predominantly identical to the submission to CARB). The MY2012 OBD approval letters from CARB are also attached. The OBD description and the summary tables are made for the GL350 BLUETEC 4MATIC and are representative for all other vehicles (monitoring concepts are the same). The only different monitor is added at the end of the ECM summary table.

The major OBD changes from MY2012 to MY2013 are described by the document "Action plans". Most of the MY2013 improvements were presented and discussed with the CARB prior of certification. Further developments relating to the warning/restriction strategy are part of emissions certification and are not described here.

A. Cover Letter.doc

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For your reference, please see the decoding of CARB's OBD approval letter from MY2012 to the test groups/vehicles (blue high lined vehicles are part of this request for approval):

CARB-approval letter	Valid for MY2012 Testgroups	Affected Vehicles
E-11-179	CMBXT03.0U2A	ML 350 BLUETEC 4MATIC
E-11-179	CMBXV03.0U2A	S 350 BLUETEC 4MATIC
E-11-182	CMBXT03.0U2B	R 350 BLUETEC 4MATIC
E-11-182	CMBXT03.0U2B	GL 350 BLUETEC 4MATIC
E-11-182	CMBXV03.0U2B	E 350 BLUETEC
E-11-188	CMBXT03.0HD1 CMBXT03.0HD2	Sprinter

Herewith Mercedes requests the OBD II approval for the OBD group CR60 of the above mentioned test groups, which includes following vehicles.

Mercedes appreciates if the EPA considers the suggested timeline and the requested EPA-OBD approval will be available until July 25, 2012.

If you have any questions or need any additional information, please do not hesitate to contact us.

We will do our best to support you with an efficient and fast processing of the attached data for receiving the OBD-approval in time.

Best regards,

Markus Richter

Abbreviations:

ECU: Engine Control Unit (or ECM: Engine Control Module)

TCU: Transmission Control Unit

DCU: Dosing Control Unit

DLC: Data Link Connector

PCV: Positive Crankcase Ventilation

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